

To: Examiner Ruixiang Li

From: Eddie Baba (Bozicevic, Field & Francis LLP)

Re:

U.S. Appl. Ser. No.: 09/935,061

Kobilka et al.

"Conformational Assays To Detect Binding To G Protein-Coupled Receptors"

**PLEASE DO NOT ENTER  
FOR INTERVIEW DISCUSSION PURPOSES ONLY**

**AMENDMENTS**

**In the Claims**

1. (Currently Amended) A method for identifying a ligand ~~an agent~~ having activity ~~agonist activity~~ for a G protein-coupled receptor (GPCR), the method comprising:  
    contacting a G protein-coupled receptor (GPCR) with a candidate agent, the GPCR having a conformationally sensitive detectable probe positioned on or within a conformationally sensitive third intracellular loop of the GPCR with the proviso that the probe is not positioned in the transmembrane domain; and  
    detecting a detectable signal of the conformationally sensitive detectable probe;  
    wherein detection of a change in the detectable signal in the ~~present~~ presence of the candidate agent as compared to the absence of the candidate agent indicates the candidate agent has is a ligand ~~agonist binding activity~~ for the GPCR.

**FACSIMILE TRANSMITTAL**

**BOZICEVIC, FIELD & FRANCIS LLP**  
200 Middlefield Road, Suite 200  
Menlo Park, Ca 94025  
Telephone: (650) 327-3400  
Facsimile Number: (650) 327-3231

**Date:** December 15, 2003

**To:** ATTN: EXAMINER R. LI

**Facsimile No.:** (703) 746-7186

**From:** Edward J. Baba  
Bozicevic, Field & Francis  
Tel., (650) 833-7731

**Re:** U.S. Patent Application NO. 09/935,061

**Message:** Please see attached proposed claim amendment

**FOR DISCUSSION PURPOSES ONLY**  
**DO NOT ENTER**

**Total number of pages, including this cover sheet: 2**

\*\*\*\*\*

**NOTICE:** This facsimile transmission and any attached document(s) are for the sole use of the individual or entity to whom it is addressed. It is confidential and may be attorney/client privileged. Any further distribution or copying of this transmission is strictly prohibited. If you received this message in error, please notify the sender, and destroy this document and any or all attached documents, immediately.

Please contact Edward Baba at (650) 833-7731 if you have problems receiving this transmission.